

GETTLER - RYAN INC.

TRANSMITTAL

January 20, 2006
G-R #385105

TO: Mr. Albert Simmons
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: **Chevron Service Station
#9-0308
2399 Market Street at 17th Street
San Francisco, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 20, 2006	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 16, 2005

COMMENTS:

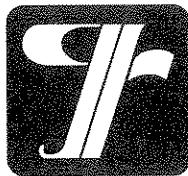
This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **February 3, 2006**, at which time the final report will be distributed to the following:

cc: Ms. Stacie Hartung-Frerichs, ChevronTexaco Company, P.O. Box 6012, Room K2200, San Ramon,
CA 94583
Mr. Albert Lee, City & County of San Francisco, Dept. of Public Health, Bureau of Environmental
Health Management, 1390 Market Street, Suite 210, San Francisco, CA 94102
Mr. Dave Sahagun Enterprises, Inc. DBA Castro Street Chevron, 2399 Market Street, San Francisco,
CA, 94114

Enclosures

trans/9-0308-SHF

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GETTLER - RYAN INC.



January 20, 2006
G-R Job #385105

Ms. Stacie Hartung-Frerichs
ChevronTexaco Company
P.O. Box 6012, Room K2200
San Ramon, CA 94583

RE: Fourth Quarter Event of December 16, 2005
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0308
2399 Market Street at 17th Street
San Francisco, California

Dear Ms. Hartung-Frerichs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding

- FOR -

Deanna L. Harding
Project Coordinator

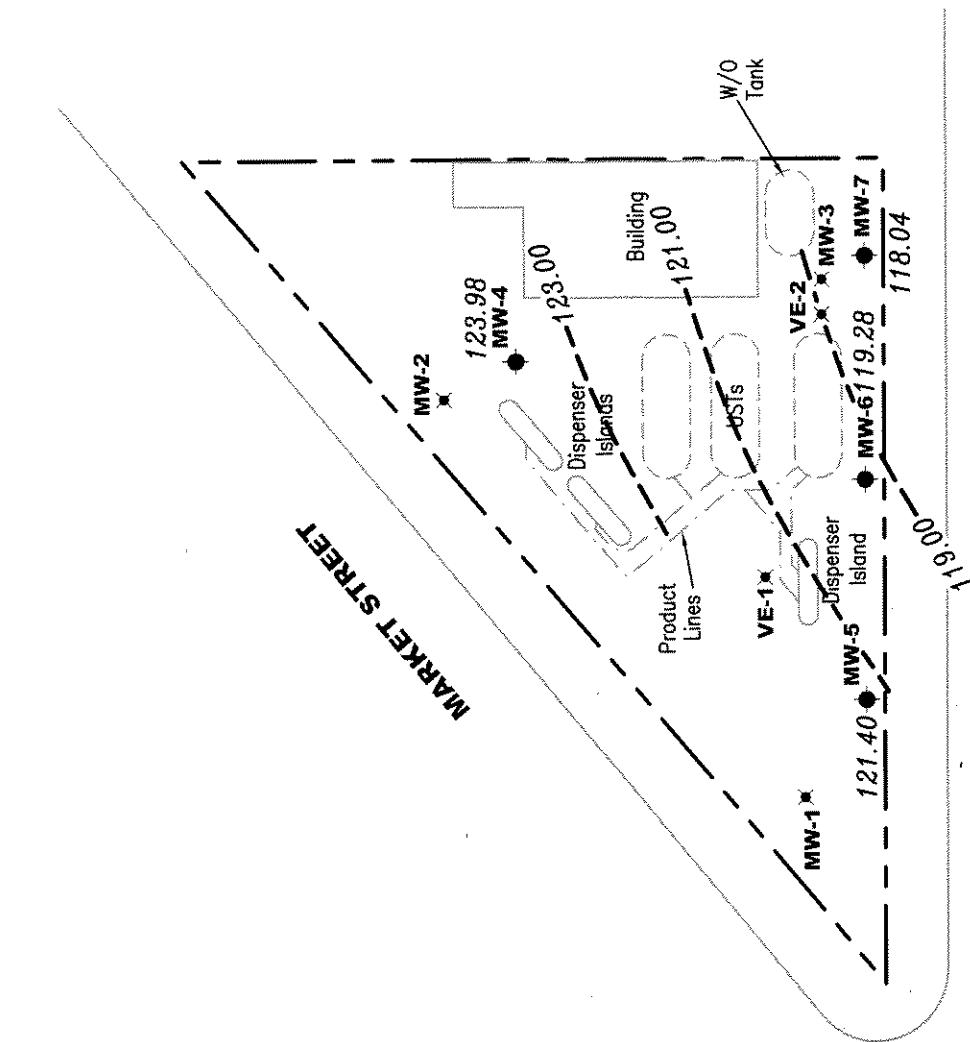
Robert A. Lauritzen
Robert A. Lauritzen
Senior Geologist, P.G. No. 7504



- Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results – Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

- Groundwater monitoring well
 - ✖ Abandoned well
 - 99.99 Groundwater elevation in feet referenced to Mean Sea Level
 - Groundwater elevation contour, dashed where inferred
- 99.99
- Approximate groundwater flow direction at a gradient of 0.08 Ft./Ft.



FIGURE

1

POTENTIOMETRIC MAP

Chevron Service Station #9-0308
2399 Market Street
San Francisco, California

DATE

December 16, 2005

REVISED DATE

GETTLER - RYAN INC.

6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

REVIEWED BY

PROJECT NUMBER

385105

FILE NAME: P:\Enviro\Chevron\S-0308\Q05-9-0308.dwg | Layout Tab: Pot4

Table 1

Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

WELL ID/ DATE	TOC* (g/L)	DTW (ft.)	GWE (msf)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTEB (ppb)
MW-4									
12/23/04 ^{1,2}	144.19	19.82	124.37	64	0.6	<0.5	<0.5	2	5
03/21/05 ²	144.19	19.50	124.69	<50	<0.5	<0.5	<0.5	<0.5	3
06/15/05 ²	144.19	19.45	124.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ²	144.19	19.93	124.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/16/05²	144.19	20.21	123.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5									
12/23/04 ^{1,2}	144.42	22.93	121.49	3,200	36	1	0.9	2	0.6
03/21/05 ²	144.42	22.05	122.37	2,700	120	2	3	3	2
06/15/05 ²	144.42	21.22	123.20	2,800	290	6	6	6	4
09/14/05 ^{2,3}	144.42	21.96	122.46	12,000	1,000	390	1,800	160	160
12/16/05²	144.42	23.02	121.40	2,400	55	2	1	2	1
MW-6									
12/23/04 ^{1,2}	142.68	21.80	120.88	45,000	5,100	6,200	1,100	4,600	1,900
03/21/05 ²	142.68	20.89	121.79	56,000	3,900	5,900	2,200	9,900	700
06/15/05 ²	142.68	21.18	121.50	47,000	2,700	4,600	2,400	11,000	210
09/14/05 ²	142.68	21.99	120.69	64,000	5,900	7,300	2,200	11,000	790
12/16/05²	142.68	23.40	119.28	67,000	5,800	5,800	1,900	8,500	770
MW-7									
12/23/04 ^{1,2}	141.15	22.25	118.90	22,000	330	8	700	100	1,300
03/21/05 ²	141.15	21.90	119.25	3,400	110	8	170	28	800
06/15/05 ²	141.15	21.97	119.18	140	1	<0.5	<0.5	82	82
09/14/05 ²	141.15	22.56	118.59	130	0.6	<0.5	<0.5	56	56
12/16/05²	141.15	23.11	118.04	110	<0.5	<0.5	<0.5	51	<0.5
TRIP BLANK									
QA									
12/23/04 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0308

2399 Market Street

San Francisco, California

WELL ID/ DATE	TOC* (ft.)	BTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA (cont)	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/16/05²	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

EXPLANATIONS:

TOC = Top of Casing
 (ft.) = Feet
 DTW = Depth to Water
 GWE = Groundwater Elevation
 (msl) = Mean sea level

* TOC elevations for were surveyed on January 31, 2005, by Virgil Chavez Land Surveying. The benchmark for this survey was a cut crow's foot in the outer rim of a catch basin at the northwest corner of South Van Ness Ave. and 17th St., (Benchmark Elevation = 22.90 feet, NGVD 29).

¹ Well development performed.

² BTEX and MTBE by EPA Method 8260.

³ Analytical results confirmed.

TPH-G = Total Petroleum Hydrocarbons as Gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Xylenes

MTBE = Methyl tertiary butyl ether
 (ppb) = Parts per billion
 -- = Not Measured/Not Analyzed
 QA = Quality Assurance/Trip Blank

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-0308
 2399 Market Street
 San Francisco, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-4	12/23/04	<5	5	<0.5	<0.5	<0.5
	03/21/05	<5	3	<0.5	<0.5	<0.5
	06/15/05	<5	<0.5	<0.5	<0.5	<0.5
	09/14/05	<5	<0.5	<0.5	<0.5	<0.5
	12/16/05	<5	<0.5	<0.5	<0.5	<0.5
MW-5	12/23/04	38	0.6	<0.5	<0.5	<0.5
	03/21/05	<5	2	<0.5	<0.5	<0.5
	06/15/05	16	4	<0.5	<0.5	<0.5
	09/14/05	39	160	<1	<1	<1
	12/16/05	22	1	<0.5	<0.5	<0.5
MW-6	12/23/04	560	1,900	<3	<3	4
	03/21/05	<50	700	<5	<5	<5
	06/15/05	37	210	<3	<3	<3
	09/14/05	200	790	<5	<5	<5
	12/16/05	190	770	<10	<10	<10
MW-7	12/23/04	710	1,300	<3	<3	<3
	03/21/05	420	800	<1	<1	<1
	06/15/05	17	82	<0.5	<0.5	<0.5
	09/14/05	9	56	<0.5	<0.5	<0.5
	12/16/05	8	51	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0308
2399 Market Street
San Francisco, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hill, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 12-16-05 (inclusive)
 Sampler: Jac

Well ID: MW-4 Date Monitored: 12.16.05 Well Condition: O.K.
 Well Diameter: 2 in.
 Total Depth: 32.90 ft.
 Depth to Water: 20.21 ft.

$$12.69 \times VF \underline{0.17} = 2.16$$
 x3 case volume= Estimated Purge Volume: 6.5 gal.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer /
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer /
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started:	(2400 hrs)
Time Completed:	(2400 hrs)
Depth to Product:	ft
Depth to Water:	ft
Hydrocarbon Thickness:	ft
Visual Confirmation/Description:	
Skimmer / Absorbant Sock (circle one)	
Amt Removed from Skimmer:	gal
Amt Removed from Well:	gal
Water Removed:	
Product Transferred to:	

Start Time (purge): 1330 Weather Conditions: Clear
 Sample Time/Date: 14/12/12-16-05 Water Color: Clear Odor: none
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μmhos/cm)	Temperature (C/K)	D.O. (mg/L)	ORP (mV)
1345	2	7.70	1401	62.5		
1358	4	7.57	1366	62.6		
1400	6.5	7.60	1372	62.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 12-16-05 (inclusive)
 Sampler: JOE

Well ID MW-5 Date Monitored: 12-16-05 Well Condition: 0.1c.
 Well Diameter 2 in.
 Total Depth 30.16 ft.
 Depth to Water 23.02 ft.
 $7.14 \times VF \ 0.17 = 1.21$ x3 case volume= Estimated Purge Volume: 4 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: 12:00 (2400 hrs)
 Time Completed: 12:30 (2400 hrs)
 Depth to Product: 0 ft
 Depth to Water: 23.02 ft
 Hydrocarbon Thickness: 0.17 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1515 Weather Conditions: clear
 Sample Time/Date: 1544 12-16-05 Water Color: clear Odor: yes
 Purging Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1526</u>	<u>1.5</u>	<u>6.51</u>	<u>1099</u>	<u>63.0</u>		
<u>1530</u>	<u>2</u>	<u>6.55</u>	<u>1083</u>	<u>63.2</u>		
<u>1533</u>	<u>4</u>	<u>6.57</u>	<u>1087</u>	<u>63.4</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6 x vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 12-16-05 (inclusive)
 Sampler: JR

Well ID MW-6 Date Monitored: 12-16-05 Well Condition: o.k.
 Well Diameter 2 in.
 Total Depth 29.76 ft.
 Depth to Water 23.40 ft.
6.36 xVF 0.17 = 1.08 x3 case volume= Estimated Purge Volume: 3.5 gal.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer ✓
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started:	(2400 hrs)
Time Completed:	(2400 hrs)
Depth to Product:	ft
Depth to Water:	ft
Hydrocarbon Thickness:	ft
Visual Confirmation/Description:	
Skimmer / Absorbant Sock (circle one)	
Amt Removed from Skimmer:	gal
Amt Removed from Well:	gal
Water Removed:	_____
Product Transferred to:	

Start Time (purge): 10:00 Weather Conditions: clear
 Sample Time/Date: 1022 12-16-05 Water Color: clear Odor: yes
 Purging Flow Rate: 0, gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C°)	D.O. (mg/L)	ORP (mV)
<u>1604</u>	<u>1</u>	<u>6.74</u>	<u>1089</u>	<u>63.5</u>		
<u>1608</u>	<u>2</u>	<u>6.76</u>	<u>1094</u>	<u>63.2</u>		
<u>1612</u>	<u>3.1</u>	<u>6.77</u>	<u>1110</u>	<u>63.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES	
					TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)	
MW-6	6 x vial	YES	HCL	LANCASTER		

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/Facility #: ChevronTexaco #9-0308
 Site Address: 2399 Market Street
 City: San Francisco, CA

Job Number: 385105
 Event Date: 12-16-05 (inclusive)
 Sampler: JRC

Well ID MW-7 Date Monitored: 12-16-05 Well Condition: O.K.
 Well Diameter 2 in.
 Total Depth 30.06 ft.
 Depth to Water 23.11 ft.
6.95 xVF 0.17 = 1.18 x3 case volume= Estimated Purge Volume: 3.5 gal.

Volume Factor (VF)	3/4"= 0.02 4"= 0.66	1"= 0.04 5"= 1.02	2"= 0.17 6"= 1.50	3"= 0.38 12"= 5.80
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Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started:	(2400 hrs)
Time Completed:	(2400 hrs)
Depth to Product:	ft
Depth to Water:	ft
Hydrocarbon Thickness:	ft
Visual Confirmation/Description:	
Skimmer / Absorbant Sock (circle one)	
Amt Removed from Skimmer:	gal
Amt Removed from Well:	gal
Water Removed:	_____
Product Transferred to:	

Start Time (purge): 1430 Weather Conditions: Clear
 Sample Time/Date: 1505 12-16-05 Water Color: clear Odor: yes
 Purgung Flow Rate: 0.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1442</u>	<u>1</u>	<u>7.15</u>	<u>1244</u>	<u>63.9</u>		
<u>1448</u>	<u>2</u>	<u>7.20</u>	<u>1247</u>	<u>64.0</u>		
<u>1453</u>	<u>3.2</u>	<u>7.18</u>	<u>1251</u>	<u>63.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



Lancaster Laboratories
Where quality is a science.

Chevron California Region Analysis Request/Chain of Custody

Barcode#971975

For Lancaster Laboratories use only

SCR#:

Sample # 4 6754653 - 57

Act #

12-2005-02

Analyses Requested

Analyses Requested		Preservation Codes								
Facility #:	SS#9-0308-CML G-R#385105 Global ID#TT0607500077	H	N	I	A	H	N	I	A	
Site Address:	2399 MARKET STREET, SAN FRANCISCO, CA	<input type="checkbox"/> HCl	<input type="checkbox"/> NHO ₃	<input type="checkbox"/> B	<input type="checkbox"/> NaOH	<input type="checkbox"/> J	<input type="checkbox"/> Thisulfate	<input type="checkbox"/> O	<input type="checkbox"/> Other	
Chevron PM SHF	Lead Consultant: CAMBRIAAS	<input type="checkbox"/> S = H ₂ SO ₄	<input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds.	<input type="checkbox"/> J value reporting needed	<input type="checkbox"/> MTBE Confirmation	<input type="checkbox"/> Confirm all hits by 8260	<input type="checkbox"/> Confirm highest hit by 8260	<input type="checkbox"/> Run _____	<input type="checkbox"/> oxy s on highest hit	
Consultant/Office:	G-R Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568	<input type="checkbox"/> 8021 MTBE Confirmation	<input type="checkbox"/> Confirm all hits by 8260	<input type="checkbox"/> Run _____	<input type="checkbox"/> oxy s on all hits	<input type="checkbox"/> Run _____	<input type="checkbox"/> oxy s on all hits	<input type="checkbox"/> Run _____	<input type="checkbox"/> oxy s on all hits	
Consultant Pj. Mgr.:	Deanna L. Harding (deanna@grinc.com)	<input type="checkbox"/> Confirms highest hit by 8260	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	<input type="checkbox"/> Run _____	
Consultant Phone #:	925-551-7555	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	
Sampler:	SOE A-SEMIAJ	<input type="checkbox"/> Oxigenates (8260)	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421
Service Order #:	<input type="checkbox"/> Non SAR:	<input type="checkbox"/> TPH 8015 M0D DRO	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> TPH 8015 M0D DRO	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> TPH 8015 M0D DRO	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> TPH 8015 M0D DRO	<input type="checkbox"/> 8260 full scan	
Total Number of Containers	2	<input type="checkbox"/> BTEX + MTBE 8260	<input checked="" type="checkbox"/> 8021	<input type="checkbox"/> TPH 8015 M0D GRD	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> TPH 8015 M0D GRD	<input type="checkbox"/> 8260 full scan	<input type="checkbox"/> TPH 8015 M0D GRD	<input type="checkbox"/> 8260 full scan	
Matrix		<input type="checkbox"/> Soil	<input type="checkbox"/> Water	<input type="checkbox"/> Air	<input type="checkbox"/> Oil	<input type="checkbox"/> NPDES	<input type="checkbox"/> Portable	<input type="checkbox"/> Silica Gel Cleanup	<input type="checkbox"/> Lead 7420	
Sample Identification	QA	<input type="checkbox"/> Composite	<input type="checkbox"/> Grab	<input type="checkbox"/> Collected	<input type="checkbox"/> Date	<input type="checkbox"/> Time	<input type="checkbox"/> Collected	<input type="checkbox"/> Lead 7420	<input type="checkbox"/> 7421	
	MW-4	<input type="checkbox"/> MW-5	<input type="checkbox"/> MW-6	<input type="checkbox"/> MW-7	12-16-05	1412	1544	1622	1503	
Turnaround Time Requested (TAT) (please circle)	STD TAT 24 hour	Type I — Full	48 hour	5 day	48 hour	5 day	48 hour	5 day	48 hour	
Data Package Options (please circle if required)	QC Summary	<input type="checkbox"/> Coelt Deliverable not need EDF/EDD	WIP (Raw Data)	<input type="checkbox"/> Coelt Deliverable not need EDF/EDD	WIP (RWQCB)	Disk	QC Summary	WIP (Raw Data)	WIP (RWQCB)	
Temperature Upon Receipt	65°C (14°F)	1° - 45°	65°C (14°F)	1° - 45°	65°C (14°F)	1° - 45°	65°C (14°F)	1° - 45°	65°C (14°F)	
Reinquished by:	<i>Indeechomage</i>	Date: 12/20/05	Time: 1025	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1025	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1025	
Reinquished by:	<i>Indeechomage</i>	Date: 12/20/05	Time: 1530	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1530	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1530	
Reinquished by Commercial Carrier:	UPS	Date: 12/20/05	Time: 1025	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1025	Received by: <i>Indeechomage</i>	Date: 12/20/05	Time: 1025	
FedEx	Other									
Custody Seals Intact?	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>	No
Date:	12/21/05	Date:	12/21/05	Date:	12/21/05	Date:	12/21/05	Date:	12/21/05	

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300

3460 Rev 7/30/01



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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 971975. Samples arrived at the laboratory on Wednesday, December 21, 2005. The PO# for this group is 99011184 and the release number is HARTUNG-FRERICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-051216	NA	Water	4675653
MW-4-W-051216	Grab	Water	4675654
MW-5-W-051216	Grab	Water	4675655
MW-6-W-051216	Grab	Water	4675656
MW-7-W-051216	Grab	Water	4675657

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

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Questions? Contact your Client Services Representative
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink that reads "Susan M. Goshert". The signature is fluid and cursive, with "Susan" and "M." being more stylized and "Goshert" being more formal.

Susan M. Goshert
Group Leader



Analysis Report

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Lancaster Laboratories Sample No. WW 4675653

QA-T-051216 NA Water
Facility# 90308 Job# 385105 GRD
2399 Market-San Francisco T0607500077 QA
Collected:12/16/2005

Account Number: 10904

Submitted: 12/21/2005 10:30
Reported: 12/29/2005 at 16:00
Discard: 01/29/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QA-SF

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Method	Result		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/22/2005 17:43	Martha L Seidel	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/28/2005 16:37	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/22/2005 17:43	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2005 16:37	Ginelle L Feister	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4675654

MW-4-W-051216 Grab Water GRD
 Facility# 90308 Job# 385105
 2399 Market-San Francisco T0607500077 MW-4
 Collected:12/16/2005 14:12 by JA Account Number: 10904

Submitted: 12/21/2005 10:30 ChevronTexaco
 Reported: 12/29/2005 at 16:00 6001 Bollinger Canyon Rd L4310
 Discard: 01/29/2006 San Ramon CA 94583

SFMK4

CAT No.	Analysis Name	CAS Number	As Received		Method Detection Limit	Units	Dilution Factor
			Result				
01728	TPH-GRO - Waters	n.a.	N.D.		50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.							
06056	BTEX+5 Oxygenates by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1	
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1	
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1	
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1	
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1	
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1	
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1	
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1	
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1	
Matrix QC was performed on this sample for the GCMS volatile analysis. Please see the attached QC summary report for compounds showing a matrix bias.							

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Dilution Factor
			Trial#	Date and Time	
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/23/2005 08:01	Martha L Seidel 1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	12/28/2005 11:02	Ginelle L Feister 1
01146	GC VOA Water Prep	SW-846 5030B	1	12/23/2005 08:01	Martha L Seidel 1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2005 11:02	Ginelle L Feister n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4675655

MW-5-W-051216 Grab Water GRD
 Facility# 90308 Job# 385105
 2399 Market-San Francisco T0607500077 MW-5
 Collected: 12/16/2005 15:44 by JA

Account Number: 10904

Submitted: 12/21/2005 10:30
 Reported: 12/29/2005 at 16:00
 Discard: 01/29/2006

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

SFMK5

CAT No.	Analysis Name	CAS Number	As Received		Method	Units	Dilution Factor
			Result	Detection Limit			
01728	TPH-GRO - Waters	n.a.	2,400.	50.		ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.							
06056	BTEX+5 Oxygenates by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1	
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1	
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1	
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1	
02015	t-Butyl alcohol	75-65-0	22.	5.	ug/l	1	
05401	Benzene	71-43-2	55.	0.5	ug/l	1	
05407	Toluene	108-88-3	2.	0.5	ug/l	1	
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1	
06310	Xylene (Total)	1330-20-7	2.	0.5	ug/l	1	

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Dilution Factor
			Trial#	Date and Time	
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/23/2005 08:33	Martha L Seidel 1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	12/28/2005 12:14	Ginelle L Feister 1
01146	GC VOA Water Prep	SW-846 5030B	1	12/23/2005 08:33	Martha L Seidel 1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2005 12:14	Ginelle L Feister n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4675656

MW-6-W-051216 Grab Water
Facility# 90308 Job# 385105 GRD
2399 Market-San Francisco T0607500077 MW-6
Collected: 12/16/2005 16:22 by JA Account Number: 10904

Submitted: 12/21/2005 10:30 ChevronTexaco
Reported: 12/29/2005 at 16:00 6001 Bollinger Canyon Rd L4310
Discard: 01/29/2006 San Ramon CA 94583

SFMK6

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	67,000.	2,500.	ug/l	50

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

06056 BTEX+5 Oxygenates by 8260B

02010	Methyl Tertiary Butyl Ether	1634-04-4	770.	10.	ug/l	20
02011	di-Isopropyl ether	108-20-3	N.D.	10.	ug/l	20
02013	Ethyl t-butyl ether	637-92-3	N.D.	10.	ug/l	20
02014	t-Amyl methyl ether	994-05-8	N.D.	10.	ug/l	20
02015	t-Butyl alcohol	75-65-0	190.	100.	ug/l	20
05401	Benzene	71-43-2	5,800.	50.	ug/l	100
05407	Toluene	108-88-3	5,800.	50.	ug/l	100
05415	Ethylbenzene	100-41-4	1,900.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	8,500.	10.	ug/l	20

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/23/2005 02:34	Martha L Seidel	50
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	12/28/2005 12:38	Ginelle L Feister	20
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	12/28/2005 13:02	Ginelle L Feister	100
01146	GC VOA Water Prep	SW-846 5030B	1	12/23/2005 02:34	Martha L Seidel	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2005 12:38	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	12/28/2005 13:02	Ginelle L Feister	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4675657

MW-7-W-051216 Grab Water
Facility# 90308 Job# 385105 GRD
2399 Market-San Francisco T0607500077 MW-7
Collected:12/16/2005 15:05 by JA

Account Number: 10904

Submitted: 12/21/2005 10:30
Reported: 12/29/2005 at 16:00
Discard: 01/29/2006

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SFMK7

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	110.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	51.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	8.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	12/22/2005 17:18	Martha L Seidel	1
06056	BTEX+5 Oxygenates by 8260B	SW-646 8260B	1	12/28/2005 13:26	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/22/2005 17:18	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/28/2005 13:26	Ginelle L Feister	n.a.

Quality Control Summary

Client Name: ChevronTexaco
 Reported: 12/29/05 at 04:00 PM

Group Number: 971975

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 05356A51A TPH-GRO - Waters	Sample number(s): N.D.	4675653 50.	ug/l	110	112	70-130	2	30
Batch number: 05356A51B TPH-GRO - Waters	Sample number(s): N.D.	4675654-4675655 50.	ug/l	110	112	70-130	2	30
Batch number: 05356A56A TPH-GRO - Waters	Sample number(s): N.D.	4675657 50.	ug/l	111	115	70-130	3	30
Batch number: 05356A56B TPH-GRO - Waters	Sample number(s): N.D.	4675656 50.	ug/l	111	115	70-130	3	30
Batch number: Z053621AA Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene Toluene Ethylbenzene Xylene (Total)	Sample number(s): N.D.	4675653-4675657 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	93 85 90 92 89 86 88 89 91		77-127 67-130 74-120 79-113 60-133 85-117 85-115 82-119 83-113		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 05356A51A TPH-GRO - Waters	Sample number(s): 125	4675653 122	63-154	3	30			
Batch number: 05356A51B TPH-GRO - Waters	Sample number(s): 125	4675654-4675655 122	63-154	3	30			
Batch number: 05356A56A TPH-GRO - Waters	Sample number(s): 131	4675657 63-154						
Batch number: 05356A56B TPH-GRO - Waters	Sample number(s): 131	4675656 63-154						
Batch number: Z053621AA Methyl Tertiary Butyl Ether	Sample number(s): 92	4675653-4675657 93	69-134	1	30			

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



Analysis Report

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 12/29/05 at 04:00 PM

Group Number: 971975

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD
	%REC	%REC	Limits	MAX	Conc	Conc	RPD	Max
di-Isopropyl ether	86	86	75-130	0	30			
Ethyl t-butyl ether	90	89	78-119	1	30			
t-Amyl methyl ether	93	91	72-125	3	30			
t-Butyl alcohol	90	89	56-134	1	30			
Benzene	92	90	83-128	2	30			
Toluene	95	93	83-127	3	30			
Ethylbenzene	95	91	82-129	3	30			
Xylene (Total)	82	81*	82-130	1	30			

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 05356A51A
Trifluorotoluene-F

4675653	107
Blank	107
LCS	112
LCSD	110
MS	113
MSD	111

Limits: 63-135

Analysis Name: TPH-GRO - Waters
Batch number: 05356A51B
Trifluorotoluene-F

4675654	106
4675655	115
Blank	108
LCS	112
LCSD	110
MS	113
MSD	111

Limits: 63-135

Analysis Name: TPH-GRO - Waters
Batch number: 05356A56A
Trifluorotoluene-F

4675657	118
Blank	116
LCS	116
LCSD	116
MS	121

Limits: 63-135

Analysis Name: TPH-GRO - Waters
Batch number: 05356A56B

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Analysis Report

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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 12/29/05 at 04:00 PM

Group Number: 971975

Surrogate Quality Control

Trifluorotoluene-F

4675656	112
Blank	110
LCS	116
LCSD	116
MS	121

Limits: 63-135

Analysis Name: BTEX+5 Oxygenates by 8260B

Batch number: Z053621AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4675653	101	98	98	95
4675654	105	101	94	89
4675655	100	97	98	99
4675656	98	96	99	96
4675657	102	100	97	93
Blank	102	100	99	92
LCS	102	99	99	96
MS	101	100	98	96
MSD	102	99	97	96

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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